

The 48<sup>th</sup> meeting of the Second State Expert Appraisal Committee (SEAC-II) for mining projects was held on 28<sup>th</sup> August, 2016 under the Chairmanship of Dr. Navin Chandra for discussion on the query responses submitted by the PP and the projects issues received from SEIAA. The following members attended the meeting-

1. Shri. Rajendra Kumar Sharma, Member.
2. Dr. Mohd. Akram khan, Member.
3. Shri. Prashant Shrivastava, Member.
4. Dr. Sonal Mehta, Member.

The Chairman welcomed all the members of the Committee and thereafter agenda items were taken up for deliberations.

1. **Case No. – 3146/2015 Shri Raj Kumar Nema, OIC, Sub Off., M.P. State Mining Corporation Ltd., H.No. 12, Ward No. 17, Sainath Colony, Meenakshi, Hoshangabad (M.P.)-461001 River Sand Mine Lease Area - 20.242 Capacity - 4,00,000 cum/year, at Khasra No.-149/1, Vill.-Joshipur, Teh.-Budhni, District-Sehore (M.P.)**

This is case of **Sand Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-149/1, Vill.-Joshipur, Teh.-Budhni, District-Sehore (MP) 20.242 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 1946 dated; 16/7/15 has reported that there are two more mines operating or proposed within 1000 meters around the said mine and cumulative area is 55.016 ha including this mine .

The case was earlier discussed in the 229<sup>th</sup> SEAC meeting dated 01/10/2015 wherein it is recorded that Executive Director, M.P. State Mining Corporation Ltd., Bhopal vide letter no. Ret-2/2015-16/450 Bhopal dated 08/09/2015 has submitted a list of cluster of mines existing in the state for issuance of TOR which was forwarded by SEIAA vide letter no 5774/ SEIAA/15 Bhopal dated 26.09/15 for consideration as per EIA notification. As per above list the 03 mines are in the cluster and total area-55.016 ha including this mine. After presentation and deliberations it was observed that following sanctioned/proposed mines in the area are forming a cluster which is >25 ha.-

Sl.No.	Name of lease holder	Mine village name	Khasra No.	Area of lease
1.	M.P. State Mining Corporation,	Joshipur	149/1	20.242
2.	Hoshangabad	Baghwara-1	352/340	18.107
3.		Baghwara-2	352/340	16.667
		Total		55.016

All the mines of above cluster after their individual valid application in SEIAA & presentation in SEAC for TOR can conduct regional EIA but their EMP should be site specific and will be considered on case to case basis.

Being it's a case of cluster where the total area is > 25 ha. it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TOR:-

1. Detailed evacuation plan is to be discussed in the EIA report.

As per the above, the TOR was issued to the PP vide letter no. 1836 dated 12/10/2015.

MP State Mining Corporation Limited, Bhopal vide their letter no. 394 dated 09/08/2016 has also informed that it is a case of non-cluster as per GOI, MoEF&CC notification dated 01/07/2016 as this lease was sanctioned prior to the 09/09/2013. Concerned Mining Officer vide letter no.2084 dated 29/07/2016 has issued a certificate stating that above lease was sanctioned vide order no. F4-1/2010/12/01 dated 22/09/2010 and thus does not falls under the perview of cluster approach as per GOI, MoEF&CC notification dated 01/07/2016.

SEIAA vide letter no. 3173/SEIAA/16 dated 16/08/2016 and 3240/SEIAA/16 dated 26/08/2016 has also instructed to appraise such cases on priority as per GOI, MoEF&CC notification dated 01/07/2016 and thus committee decided that as per the above instructions of SEIAA, all such cases should be appraised on the priority on the basis the lease documents available in the file/representation submitted by the PP.

The case was presented by the PP and their consultant wherein after presentation, PP was asked to provide information on following:

1. Revised mine plan duly approved by the competent authority through SEIAA as during presentation OIC, Sub Off., M.P. State Mining Corporation Ltd., Hoshangabad (M.P.) has informed that the quantity for above lease has been revised to 2.00 lakhs cum/year and they have revised the mine plan accordingly.

2. Revised mine plan incorporating the additional chapter on annual replenishment of sand in the leased area and the normal water level prevalent in the lean season as per the policy decision taken by SEIAA in its 284<sup>th</sup> meeting dated 23/01/2016.
3. Revised CSR.

2. **Case No. 3490/15 Shri Arjun Malviya, Proprietor, M/s Malviya Constructions, Sub Lessee, M.P. State Mining Corporation Ltd., Upbhokta Bhandar, Hoshangabad Prior E.Cfor approval of Sand Quarry in an area of 23.00 ha. (2,30,000 cum/year) at Khasra No.-300, Vill.-Jahazpura-2, Teh.-Rehti, District-Sehore (MP)**

This is case of **Sand Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-300, Vill.-Jahazpura-2, Teh.-Rehti, District-Sehore (MP) 23.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 1786 dated: 10/07/15 has reported that there are three more mines operating or proposed within 1000 meters around the said mine and cumulative area is 61.801 ha including this mine.

The case was earlier discussed in the 32<sup>th</sup> SEAC-II meeting dated 23/06/2016 wherein the case was presented by the PP and their consultant and during presentation it was observed that concerned mining officer vide letter no. 1729 dated: 10/07/2015 has reported that there are two more mines operating or proposed within 500 meters around the said mine with total area 61.801 ha including this mine. It being a case of cluster where the total area is > 25 ha it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs:-

1. Detailed evacuation plan is to be discussed in the EIA report.
2. EIA/EMP is required to be prepared for entire cluster in order to cover all the possible externalities. The report should cover carrying capacity, transportation and other related issues for the cluster.
3. Photographs and maps depicting all the mines present in the cluster.
4. On a Google map, show all the mines in a cluster with all four co-ordinates of individual mines.
5. The date and duration of carrying out the base line data collection and monitoring be informed to the concerned Regional Officer of the M. P. Pollution Control Board.

6. Photographs of individual mine during EIA process with date.
7. Justify the production from each mine and also justify the duration when mining is possible.
8. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
9. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
10. Discuss and assess impacts of sand mining on pisciculture.
11. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
12. Discuss the measures that will be adopted for the bank erosion.
13. Indicate in EIA the structures such as bridges/barrages/dams close to individual leases in cluster and effects of mining on their structure stability with protection plan.
14. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease.
15. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA.
16. Provide operational production mine plan considering all the surface features as per the statutes in EIA.

As per the above, the TOR was issued to the PP vide letter no. 1117 dated 01/07/2016.

MP State Mining Corporation Limited, Bhopal vide their letter no. 394 dated 09/08/2016 has also informed that it is a case of non-cluster as per GOI, MoEF&CC notification dated 01/07/2016 as this lease was sanctioned prior to the 09/09/2013. Concerned Mining Officer vide letter no.2087 dated 29/07/2016 has issued a certificate stating that above lease was sanctioned vide order no. F4-1/2010/12/01 dated 22/09/2010 and thus does not falls under the perview of cluster approach as per GOI, MoEF&CC notification dated 01/07/2016.

SEIAA vide letter no. 3173/SEIAA/16 dated 16/08/2016 and 3240/SEIAA/16 dated 26/08/2016 has also instructed to appraise such cases on priority as per GOI, MoEF&CC notification dated 01/07/2016 and thus committee decided that as per the above instructions of SEIAA, all such cases should be appraised on the priority on the basis the lease documents available in the file/representation submitted by the PP.

In view of above submissions, the case was again presented by the PP and their consultant wherein the submissions made by PP were found satisfactory and acceptable and thus the

committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

- Production of Sand as per mine plan with quantity not exceeding 2,30,000 cum/year
- District Authority should record the deposition of sand in the lease area at an interval of 100 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.

3. **Case No. 3607/15 Shri Pradhayumman Singh Chouhan, M.P. State Mining Corporation Ltd., A-91, Alkapuri, Near Habibganj Station, Bhopal (MP)-462024 Prior E.Cfor approval of Sand Mine in an area of 23.00 ha. (2,30,000 cum/year) at Khasra No.-300, 311, Vill.-Jahazpura, Teh.-Rehti, District-Sehore (MP)**

This is case of **Sand Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-300, 311, Vill.-Jahazpura, Teh.-Rehti, District-Sehore (MP). 23.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter No. 1786 dated 10/07/15 has reported that there are Two more mines operating or proposed within 1000 meters around the said mine and Total Area 61.801 ha including this mine.

The case was earlier discussed in the 242<sup>nd</sup> SEAC meeting dated 07/11/2015 wherein it was observed that Executive Director, M.P. State Mining Corporation Ltd., Bhopal vide letter

no. Ret-2/2015-16/450 Bhopal dated 08/09/2015 has submitted a list of cluster of mines existing in the state for issuance of TOR which was forwarded by SEIAA vide letter no 5774/ SEIAA/15 Bhopal dated 26.09/15 for consideration as per EIA notification. As per above list the 03 mines are in the cluster and total Area-61.801 ha including this mine.

After presentation and deliberations it was observed that following sanctioned/proposed mines in the area are forming a cluster which is >25 ha.-

Sl.No.	Name of lease holder	Mine village name	Khasra No.	Area of lease (ha)
1.	M.P. State Mining Corporation, Hoshangabad	Jahazpura-1	241	15.801
2.		Jahazpura-2	300	23.000
3.		Jahazpura-3	300,311	23.000
				61.801

All the mines of above cluster after their individual valid application in SEIAA & presentation in SEAC for TOR can conduct regional EIA but their EMP should be site specific and will be considered on case to case basis.

Being it's a case of cluster where the total area is > 25 ha. it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TOR:-

1. Detailed evacuation plan is to be discussed in the EIA report.
2. EIA/EMP is required to be prepared for entire cluster in order to cover all the possible externalities. The report should cover carrying capacity, transportation and other related issues for the cluster.
3. Photographs and maps depicting all the mines present in the cluster.
4. On a Google map, show all the mines in a cluster with all four co-ordinates of individual mines.
5. Photographs of individual mine during EIA process with date.
6. Justify the production from each mine and also justify the duration when mining is possible.
7. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
8. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
9. Discuss and assess impacts of sand mining on pisciculture.
10. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
11. Discuss the measures that will be adopted for the bank erosion.

12. Indicate in EIA the structures such as bridges/barrages/dams close to individual leases in cluster and effects of mining on their structure stability with protection plan.
13. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease.
14. A habitation is in close vicinity and possible impacts & mitigation measures be addressed in EIA.

As per the above, the TOR was issued to the PP vide letter no. 739 dated 25/04/2016.

MP State Mining Corporation Limited, Bhopal vide their letter no. 394 dated 09/08/2016 has also informed that it is a case of non-cluster as per GOI, MoEF&CC notification dated 01/07/2016 as this lease was sanctioned prior to the 09/09/2013. Concerned Mining Officer vide letter no.2088 dated 29/07/2016 has issued a certificate stating that above lease was sanctioned vide order no. F4-1/2010/12/01 dated 22/09/2010 and thus does not falls under the perview of cluster approach as per GOI, MoEF&CC notification dated 01/07/2016.

SEIAA vide letter no. 3173/SEIAA/16 dated 16/08/2016 and 3240/SEIAA/16 dated 26/08/2016 has also instructed to appraise such cases on priority as per GOI, MoEF&CC notification dated 01/07/2016 and thus committee decided that as per the above instructions of SEIAA, all such cases should be appraised on the priority on the basis the lease documents available in the file/representation submitted by the PP.

In view of above submissions the case was again presented by the PP and their consultant wherein the submissions made by PP were found satisfactory and acceptable and thus the committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

- Production of Sand as per mine plan with quantity not exceeding 2,30,000 cum/year
- District Authority should record the deposition of sand in the lease area at an interval of 100 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.

- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.

4. **Case No.4218/15 Shri Manish Kumar Sharma R/o Gali No. 2, Shiv Colony, Main Road, Guda Gudi Ka Naka, District-Gwalior (MP)-475110 Prior Environment Clearance for approval of Sand Quarry in an area of 10.730 ha. (42,920 cum/year) at Khasra no.-840, 1127, 861, Village-Kumharra, Tehsil-Dabra, District-Gwalior (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-840, 1127, 861, Village-Kumharra, Tehsil-Dabra, District-Gwalior (MP) 10.730 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no. Q/3 dated: 13/08/15, has reported that there are 01 more mines operating or proposed within 1000 meters around the said mine with total area of 31.89 ha including this mine.

The case was earlier discussed in the 257<sup>th</sup> SEAC meeting dated 04/01/2016 wherein the case was presented by the PP and their consultant and during presentation it was observed that concerned Mining Officer vides letter no. Q/3 dated: 13/08/15, has reported that there are 01 more mines operating or proposed within 1000 meters around the said mine with total area of 31.89 ha including this mine. It being a case of cluster where the total area is > 25 ha it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs:-

1. Detailed evacuation plan is to be discussed in the EIA report.
2. EIA/EMP is required to be prepared for entire cluster in order to cover all the possible externalities. The report should cover carrying capacity, transportation and other related issues for the cluster.
3. Photographs and maps depicting all the mines present in the cluster.
4. On a Google map, show all the mines in a cluster with all four co-ordinates of individual mines.



5. The date and duration of carrying out the base line data collection and monitoring be informed to the concerned Regional Officer of the M. P. Pollution Control Board.
6. Photographs of individual mine during EIA process with date.
7. Justify the production from each mine and also justify the duration when mining is possible.
8. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
9. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
10. Discuss and assess impacts of sand mining on pisciculture.
11. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
12. Discuss the measures that will be adopted for the bank erosion.
13. Indicate in EIA the structures such as bridges/barrages/dams close to individual leases in cluster and effects of mining on their structure stability with protection plan.
14. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease.
15. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA.

As per the above, the TOR was issued to the PP vide letter no. 490 dated 02/03/2016.

MP State Mining Corporation Limited, Bhopal vide their letter no. 409 dated 09/08/2016 has also informed that it is a case of non-cluster as per GOI, MoEF&CC notification dated 01/07/2016 as this lease was sanctioned prior to the 09/09/2013. Concerned Mining Officer vide letter no.1047 dated 29/07/2016 has issued a certificate stating that above lease was sanctioned vide order no. F4-1/2010/12/01 dated 22/09/2010 and thus does not falls under the perview of cluster approach as per GOI, MoEF&CC notification dated 01/07/2016.

SEIAA vide letter no. 3173/SEIAA/16 dated 16/08/2016 and 3240/SEIAA/16 dated 26/08/2016 has also instructed to appraise such cases on priority as per GOI, MoEF&CC notification dated 01/07/2016 and thus committee decided that as per the above instructions of SEIAA, all such cases should be appraised on the priority on the basis the lease documents available in the file/representation submitted by the PP.

The case was presented by the PP and their consultant wherein during presentation it was observed by committee that as per the co-ordinates submitted by PP & Google image of February 2016, the co-ordinates are falling in agricultural field hence while it's a case of river sand mining. Hence, PP was asked to provide revised actual Co-ordinates of the lease area for further consideration of the project.

5. **Case No.4222/15 Shri Manish Kumar Sharma R/o Gali No. 2, Shiv Colony, Main Road, Guda Gudi Ka Naka, District-Gwalior (MP)-475110 Prior Environment Clearance for approval of Sand Quarry in an area of 21.160 ha. (84,800 cum/year) at Khasra no.-1109, Village-Kumharra, Tehsil-Dabra, District-Gwalior (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-1109, Village-Kumharra, Tehsil-Dabra, District-Gwalior (MP) 21.160ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.Q/3 dated: 13/08/15, has reported that there are 01 more mine operating or proposed within 1000 meters around the said mine with total area of 31.89 ha including this mine.

The case was earlier discussed in the 257<sup>th</sup> SEAC meeting dated 04/01/2016 wherein it was observed that;

The case was presented by the PP and their consultant and during presentation it was observed that concerned Mining Officer vide letter no.Q/3 dated: 13/08/15, has reported that there are 01 more mine operating or proposed within 1000 meters around the said mine with total area of 31.89 ha including this mine. It being a case of cluster where the total area is > 25 ha it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs:-

1. Detailed evacuation plan is to be discussed in the EIA report.
2. EIA/EMP is required to be prepared for entire cluster in order to cover all the possible externalities. The report should cover carrying capacity, transportation and other related issues for the cluster.
3. Photographs and maps depicting all the mines present in the cluster.
4. On a Google map, show all the mines in a cluster with all four co-ordinates of individual mines.

5. The date and duration of carrying out the base line data collection and monitoring be informed to the concerned Regional Officer of the M. P. Pollution Control Board.
6. Photographs of individual mine during EIA process with date.
7. Justify the production from each mine and also justify the duration when mining is possible.
8. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
9. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
10. Discuss and assess impacts of sand mining on pisciculture.
11. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
12. Discuss the measures that will be adopted for the bank erosion.
13. Indicate in EIA the structures such as bridges/barrages/dams close to individual leases in cluster and effects of mining on their structure stability with protection plan.
14. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease.
15. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA.

As per the above, the TOR was issued to the PP vide letter no. 500 dated 02/03/2016.

MP State Mining Corporation Limited, Bhopal vide their letter no. 409 dated 09/08/2016 has also informed that it is a case of non-cluster as per GOI, MoEF&CC notification dated 01/07/2016 as this lease was sanctioned prior to the 09/09/2013. Concerned Mining Officer vide letter no.1048 dated 29/07/2016 has issued a certificate stating that above lease was sanctioned vide order no. F4-1/2010/12/01 dated 22/09/2010 and thus does not falls under the perview of cluster approach as per GOI, MoEF&CC notification dated 01/07/2016.

SEIAA vide letter no. 3173/SEIAA/16 dated 16/08/2016 and 3240/SEIAA/16 dated 26/08/2016 has also instructed to appraise such cases on priority as per GOI, MoEF&CC notification dated 01/07/2016 and thus committee decided that as per the above instructions of SEIAA, all such cases should be appraised on the priority on the basis the lease documents available in the file/representation submitted by the PP.

The case was presented by the PP and their consultant wherein during presentation it was observed by committee that as per the co-ordinates submitted by PP & Google image of February 2016, the co-ordinates are falling in agricultural field hence while it's a case of river sand mining. Hence, PP was asked to provide revised actual Co-ordinates of the lease area for further consideration of the project.

**6. Case No.4308/15 Shri Kailash Chandra Gupta, M/s Sainik Foods Pvt. Ltd., H.I.G.G.D-5, Dindayal Nagar, Phase-1, Kanth Road, Muradabad (UP)-461661 Prior Environment Clearance for approval of Sand Quarry in an area of 20.551 ha. (51,000 cum/year) at Khasra no.-70, Village-Mardana, Tehsil-Barwah, District-Khargone (MP)**

This is case of **Khodu Bharu Sand Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-70, Village-Mardana, Tehsil-Barwah, District-Khargone (MP) 20.551 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no.373, dated: 24/09/2015 has reported that there are 05 more mines operating or proposed within 1000 meters around the said mine with total area of 87.331 ha including this mine.

The case was earlier discussed in the 258<sup>th</sup> SEAC meeting dated 05/01/2016 wherein it was observed that;

The case was presented by the PP and their consultant and during presentation it was observed that concerned Mining Officer vides letter no.373, dated: 24/09/2015 has reported that there are 02 more mines operating or proposed within 1000 meters around the said mine with total area of 60.551 ha including this mine. It being a case of cluster where the total area is > 25 ha it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs:-

1. Detailed evacuation plan is to be discussed in the EIA report.
2. EIA/EMP is required to be prepared for entire cluster in order to cover all the possible externalities. The report should cover carrying capacity, transportation and other related issues for the cluster.
3. Photographs and maps depicting all the mines present in the cluster.

4. On a Google map, show all the mines in a cluster with all four co-ordinates of individual mines.
5. The date and duration of carrying out the base line data collection and monitoring be informed to the concerned Regional Officer of the M. P. Pollution Control Board.
6. Photographs of individual mine during EIA process with date.
7. Justify the production from each mine and also justify the duration when mining is possible.
8. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
9. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
10. Discuss and assess impacts of sand mining on pisciculture.
11. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
12. Discuss the measures that will be adopted for the bank erosion.
13. Indicate in EIA the structures such as bridges/barrages/dams close to individual leases in cluster and effects of mining on their structure stability with protection plan.
14. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease.
15. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA.

As per the above, the TOR was issued to the PP vide letter no. 460 dated 02/03/2016.

MP State Mining Corporation Limited, Bhopal vide their letter no. 391 dated 09/08/2016 has also informed that it is a case of non-cluster as per GOI, MoEF&CC notification dated 01/07/2016 as this lease was sanctioned prior to the 09/09/2013. Concerned Mining Officer vide letter no.167 dated 01/08/2016 has issued a certificate stating that above lease was sanctioned vide order no. F4-1/2010/12/01 dated 22/09/2010 and thus does not falls under the perview of cluster approach as per GOI, MoEF&CC notification dated 01/07/2016.

SEIAA vide letter no. 3173/SEIAA/16 dated 16/08/2016 and 3240/SEIAA/16 dated 26/08/2016 has also instructed to appraise such cases on priority as per GOI, MoEF&CC notification dated 01/07/2016 and thus committee decided that as per the above instructions

of SEIAA, all such cases should be appraised on the priority on the basis the lease documents available in the file/representation submitted by the PP.

The case was presented by the PP and their consultant and after presentation wherein PP was asked to submit following information:

1. Revised EMP & CSR with enhanced budgetary provisions.
2. Environmental Policy of the company.

7. **Case No.4309/15 Shri Kailash Chandra Gupta, M/s Sainik Foods Pvt. Ltd., H.I.G.G.D-5, Dindayal Nagar, Phase-1, Kanth Road, Muradabad (UP)-461661 Prior Environment Clearance for approval of Sand Quarry in an area of 20.00 ha. (49,500 cum/year) at Khasra no.-70, Village-Mardana, Tehsil-Barwah, District-Khargone (MP)**

This is case of **Khodu Bharu Sand Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-70, Village-Mardana, Tehsil-Barwah, District-Khargone (MP) 20.00 ha. The project requires prior EC before commencement of any activity at site

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format duly verified in the form of combined NOC. Concerned Mining Officer has reported that there are 02 more mines operating or proposed within 1000 meters around the said mine with total area of 60.551 ha including this mine.

The case was earlier discussed in the 258<sup>th</sup> SEAC meeting dated 05/01/2016 wherein it was observed that;

The case was presented by the PP and their consultant and during presentation it was observed that concerned Mining Officer has reported that there are 02 more mines operating or proposed within 1000 meters around the said mine with total area of 60.551 ha including this mine. It being a case of cluster where the total area is > 25 ha it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs:-

1. Detailed evacuation plan is to be discussed in the EIA report.

2. EIA/EMP is required to be prepared for entire cluster in order to cover all the possible externalities. The report should cover carrying capacity, transportation and other related issues for the cluster.
3. Photographs and maps depicting all the mines present in the cluster.
4. On a Google map, show all the mines in a cluster with all four co-ordinates of individual mines.
5. The date and duration of carrying out the base line data collection and monitoring be informed to the concerned Regional Officer of the M. P. Pollution Control Board.
6. Photographs of individual mine during EIA process with date.
7. Justify the production from each mine and also justify the duration when mining is possible.
8. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
9. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
10. Discuss and assess impacts of sand mining on pisciculture.
11. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
12. Discuss the measures that will be adopted for the bank erosion.
13. Indicate in EIA the structures such as bridges/barrages/dams close to individual leases in cluster and effects of mining on their structure stability with protection plan.
14. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease.
15. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA.

As per the above, the TOR was issued to the PP vide letter no. 458 dated 02/03/2016.

MP State Mining Corporation Limited, Bhopal vide their letter no. 391 dated 09/08/2016 has also informed that it is a case of non-cluster as per GOI, MoEF&CC notification dated 01/07/2016 as this lease was sanctioned prior to the 09/09/2013. Concerned Mining Officer vide letter no.168 dated 01/08/2016 has issued a certificate stating that above lease was sanctioned vide order no. F4-1/2010/12/01 dated 22/09/2010 and thus does not falls under the perview of cluster approach as per GOI, MoEF&CC notification dated 01/07/2016.

SEIAA vide letter no. 3173/SEIAA/16 dated 16/08/2016 and 3240/SEIAA/16 dated 26/08/2016 has also instructed to appraise such cases on priority as per GOI, MoEF&CC notification dated 01/07/2016 and thus committee decided that as per the above instructions of SEIAA, all such cases should be appraised on the priority on the basis the lease documents available in the file/representation submitted by the PP.

The case was presented by the PP and their consultant and after presentation wherein PP was asked to submit following information:

1. Revised EMP & CSR with enhanced budgetary provisions.
  2. Environmental Policy of the company.
8. **Case No.4310/15 Shri Jitendra Singh, M/s Prime Vision Industries Pvt. Ltd., 303, 3rd Floor, Vishal Chamber, P-1, Sector-18, Noida, District-Gautambudh (UP)-201301 Prior Environment Clearance for approval of Sand Quarry in an area of 15.00 ha. (75,000 cum/year) at Khasra no.-149/1/1, Village-Jalkota, Tehsil-Maheshwar, District-Khargone (MP)**

This is case of Khodu Bharu Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-149/1/1, Village-Jalkota, Tehsil-Maheshwar, District-Khargone (MP) 15.00 ha. The project requires prior EC before commencement of any activity at site

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format duly verified in the form of combined NOC. Concerned Mining Officer vides letter no.373, dated: 24/09/2015 has reported that there are 07 more mines operating or proposed within 1000 meters around the said mine with total area of 58.41 ha including this mine.

The case was earlier discussed in the 258<sup>th</sup> SEAC meeting dated 05/01/2016 wherein it was observed that;

The case was presented by the PP and their consultant and during presentation it was observed that concerned Mining Officer has reported that there are 07 more mines operating or proposed within 1000 meters around the said mine with total area of 58.41 ha including this mine. It being a case of cluster where the total area is > 25 ha it was decided to consider



this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs:-

1. Detailed evacuation plan is to be discussed in the EIA report.
2. EIA/EMP is required to be prepared for entire cluster in order to cover all the possible externalities. The report should cover carrying capacity, transportation and other related issues for the cluster.
3. Photographs and maps depicting all the mines present in the cluster.
4. On a Google map, show all the mines in a cluster with all four co-ordinates of individual mines.
5. The date and duration of carrying out the base line data collection and monitoring be informed to the concerned Regional Officer of the M. P. Pollution Control Board.
6. Photographs of individual mine during EIA process with date.
7. Justify the production from each mine and also justify the duration when mining is possible.
8. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
9. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
10. Discuss and assess impacts of sand mining on pisciculture.
11. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
12. Discuss the measures that will be adopted for the bank erosion.
13. Indicate in EIA the structures such as bridges/barrages/dams close to individual leases in cluster and effects of mining on their structure stability with protection plan.
14. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease.
15. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA.
16. As per the details submitted by the PP in the combined NOC, there are seven mines with total area of 43.01 ha but the details of individual mines with their respective lease area are not mentioned in the certificate. Thus committee recommends that PP should obtain fresh certificate having details of individual mines with their respective lease area within 1000 meter from the periphery of this mine.

As per the above, the TOR was issued to the PP vide letter no. 456 dated 02/03/2016.

MP State Mining Corporation Limited, Bhopal vide their letter no. 391 dated 09/08/2016 has also informed that it is a case of non-cluster as per GOI, MoEF&CC notification dated 01/07/2016 as this lease was sanctioned prior to the 09/09/2013. Concerned Mining Officer vide letter no.164 dated 01/08/2016 has issued a certificate stating that above lease was sanctioned vide order no. F4-1/2010/12/01 dated 22/09/2010 and thus does not falls under the perview of cluster approach as per GOI, MoEF&CC notification dated 01/07/2016.

SEIAA vide letter no. 3173/SEIAA/16 dated 16/08/2016 and 3240/SEIAA/16 dated 26/08/2016 has also instructed to appraise such cases on priority as per GOI, MoEF&CC notification dated 01/07/2016 and thus committee decided that as per the above instructions of SEIAA, all such cases should be appraised on the priority on the basis the lease documents available in the file/representation submitted by the PP.

The case was presented by the PP and their consultant and after presentation wherein PP was asked to submit following information:

1. Revised EMP & CSR with enhanced budgetary provisions.
2. Environmental Policy of the company.

9. **Case No.4370/15 Shri Kailash Chandra Gupta, M/s Shiva Corporation India Pvt. Ltd., 312, Ganpati Plaza, MIG Road, District-Jaipur (Raj.) Prior Environment Clearance for approval of Sand Quarry in an area of 24.747 ha. (1,73,223 cum/year) at Khasra no -870, 973, 1011/1, 1012, Village-Bhesnari, Tehsil-Dabra, District-Gwalior (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no -870, 973, 1011/1, 1012, Village-Bhesnari, Tehsil-Dabra, District-Gwalior (MP) 24.747 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. Q3 dated: 13/8/2015 has reported that there are 09 more mines operating or proposed within 1000 meters around the said mine with total area of 217.439 ha including this mine.

The case was earlier discussed in the 268<sup>th</sup> SEAC meeting dated 05/01/2016 wherein it was observed that;

The case was presented by the PP and their consultant and during presentation it was observed that concerned Mining Officer vide letter no. Q3 dated: 13/8/2015 has reported that there are 09 more mines operating or proposed within 1000 meters around the said mine with total area of 217.439 ha including this mine. It being a case of cluster where the total area is > 25 ha it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs:-

1. Detailed evacuation plan is to be discussed in the EIA report.
2. EIA/EMP is required to be prepared for entire cluster in order to cover all the possible externalities. The report should cover carrying capacity, transportation and other related issues for the cluster.
3. Photographs and maps depicting all the mines present in the cluster.
4. On a Google map, show all the mines in a cluster with all four co-ordinates of individual mines.
5. The date and duration of carrying out the base line data collection and monitoring be informed to the concerned Regional Officer of the M. P. Pollution Control Board.
6. Photographs of individual mine during EIA process with date.
7. Justify the production from each mine and also justify the duration when mining is possible.
8. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
9. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
10. Discuss and assess impacts of sand mining on pisciculture.
11. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
12. Discuss the measures that will be adopted for the bank erosion.
13. Indicate in EIA the structures such as bridges/barrages/dams close to individual leases in cluster and effects of mining on their structure stability with protection plan.
14. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease.
15. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA.

As per the above, the TOR was issued to the PP vide letter no. 230 dated 02/03/2016.

MP State Mining Corporation Limited, Bhopal vide their letter no. 409 dated 09/08/2016 has also informed that it is a case of non-cluster as per GOI, MoEF&CC notification dated 01/07/2016 as this lease was sanctioned prior to the 09/09/2013. Concerned Mining Officer vide letter no.1049 dated 29/07/2016 has issued a certificate stating that above lease was sanctioned vide order no. F4-1/2010/12/01 dated 22/09/2010 and thus does not falls under the perview of cluster approach as per GOI, MoEF&CC notification dated 01/07/2016.

SEIAA vide letter no. 3173/SEIAA/16 dated 16/08/2016 and 3240/SEIAA/16 dated 26/08/2016 has also instructed to appraise such cases on priority as per GOI, MoEF&CC notification dated 01/07/2016 and thus committee decided that as per the above instructions of SEIAA, all such cases should be appraised on the priority on the basis the lease documents available in the file/representation submitted by the PP.

The case was presented by the PP and their consultant wherein during presentation it was observed by the committee that as per the Google image of february 2016 based on the co-ordinated provided by the PP that there is existence of dam in the lease area and entire lease area is appears to be submerged in back water of the dam. Hence committee after derliberations decided to obtain comments from the concern collector for submergence of lease area in back water of river/dam considering the openion of concerned dam authority. PP was also asked to submit Revised mine plan incorporating the additional chapter on annual replenishment of sand in the leased area and the normal water level prevalent in the lean season as per the policy decision taken by SEIAA in its 284<sup>th</sup> meeting dated 23/01/2016.

**10. Case No.4377/15 Shri Atul Gondal, M/s A.D. Agro Foods Private Ltd., Nehru Ward, Pipariya, District-Hoshangabad (MP)-477001 Prior Environment Clearance for approval of Sand Quarry in an area of 21.940 ha. (1,31,640 cum/year) at Khasra no.-718, Village-Gajapur, Tehsil-Dabra, District-Gwalior (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-718, Village-Gajapur, Tehsil-Dabra, District-Gwalior (MP) 21.940 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.Q/3 dated: 13/8/2015 has reported that there are 01 more mines operating or proposed within 1000 meters around the said mine with total area of 29.95 ha including this mine.

The case was earlier discussed in the 259<sup>th</sup> SEAC meeting dated 06/01/2016 wherein it was observed that;

The case was presented by the PP and their consultant and during presentation it was observed that concerned Mining Officer vide letter no.Q/3 dated: 13/8/2015 has reported that there is 01 more mine operating or proposed within 1000 meters around the said mine with total area of 29.95 ha including this mine. It being a case of cluster where the total area is > 25 ha it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs:-

1. Detailed evacuation plan is to be discussed in the EIA report.
2. EIA/EMP is required to be prepared for entire cluster in order to cover all the possible externalities. The report should cover carrying capacity, transportation and other related issues for the cluster.
3. Photographs and maps depicting all the mines present in the cluster.
4. On a Google map, show all the mines in a cluster with all four co-ordinates of individual mines.
5. The date and duration of carrying out the base line data collection and monitoring be informed to the concerned Regional Officer of the M. P. Pollution Control Board.
6. Photographs of individual mine during EIA process with date.
7. Justify the production from each mine and also justify the duration when mining is possible.
8. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
9. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
10. Discuss and assess impacts of sand mining on pisciculture.
11. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
12. Discuss the measures that will be adopted for the bank erosion.

13. Indicate in EIA the structures such as bridges/barrages/dams close to individual leases in cluster and effects of mining on their structure stability with protection plan.
14. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease.
15. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA.

As per the above, the TOR was issued to the PP vide letter no. 418 dated 02/03/2016.

MP State Mining Corporation Limited, Bhopal vide their letter no. 409 dated 09/08/2016 has also informed that it is a case of non-cluster as per GOI, MoEF&CC notification dated 01/07/2016 as this lease was sanctioned prior to the 09/09/2013. Concerned Mining Officer vide letter no.1046 dated 29/07/2016 has issued a certificate stating that above lease was sanctioned vide order no. F4-1/2010/12/01 dated 22/09/2010 and thus does not falls under the pervue of cluster approach as per GOI, MoEF&CC notification dated 01/07/2016.

SEIAA vide letter no. 3173/SEIAA/16 dated 16/08/2016 and 3240/SEIAA/16 dated 26/08/2016 has also instructed to appraise such cases on priority as per GOI, MoEF&CC notification dated 01/07/2016 and thus committee decided that as per the above instructions of SEIAA, all such cases should be appraised on the priority on the basis the lease documents available in the file/representation submitted by the PP.

The case was presented by the PP and their consultant wherein during presentation it was observed that as per the Google image of february 2016 based on the co-ordinate submitted by the PP, approximately 60% of the lease area is submerged in water. PP during presentation informed that in mining plan they have proposed only 7.00 ha. area as mineble area from sanctioned lease area of 21.940 ha and thus 1,31,640 cum/year sand can be easily evacuated. During presentsation it was also observed that replenishment plan is not submitted by the PP. Thus PP was asked to submit revised mine plan incorporating the additional chapter on annual replenishment of sand in the leased area and the normal water level prevalent in the lean season as per the policy decision taken by SEIAA in its 284<sup>th</sup> meeting dated 23/01/2016.

**11. Case No. -5144/16 Shri Atul Gondal, Authorized Signatory, M/s A D Agro Foods Pvt. Ltd., Sub Lessee of MPSMCL, 18, Sagar Matha Apartment, M G Road, Indore (MP)-452001 Prior Environment Clearance for Sand Deposit in an area of 16.667 ha. (1,65,000 cum/year) at Khasra no.-352/340, Village-Bagwada-2, Tehsil-Budhani, District-Sehore (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site, Khasra no.-352/340, Village-Bagwada-2, Tehsil-Budhani, District-Sehore (MP) 16.667 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.-4004, dated: -15/12/15, has reported that there are 02 more mines operating or proposed within 1000 meters around the said mine with total area of-55.016 ha including this mine.

The case was earlier discussed in the 22<sup>nd</sup> SEAC-II meeting dated 05/05/2016 wherein it was observed that;

The case was presented by the PP and their consultant and during presentation it was observed that concerned Mining Officer vides letter no.- 4004, dated: -15/12/15, has reported that there are 02 more mines operating or proposed within 1000 meters around the said mine with total area of-55.016ha including this mine. It being a case of cluster where the total area is > 25 ha it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs:-

1. Detailed evacuation plan is to be discussed in the EIA report.
2. EIA/EMP is required to be prepared for entire cluster in order to cover all the possible externalities. The report should cover carrying capacity, transportation and other related issues for the cluster.
3. Photographs and maps depicting all the mines present in the cluster.
4. On a Google map, show all the mines in a cluster with all four co-ordinates of individual mines.
5. The date and duration of carrying out the base line data collection and monitoring be informed to the concerned Regional Officer of the M. P. Pollution Control Board.
6. Photographs of individual mine during EIA process with date.
7. Justify the production from each mine and also justify the duration when mining is possible.

8. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
9. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
10. Discuss and assess impacts of sand mining on pisciculture.
11. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
12. Discuss the measures that will be adopted for the bank erosion.
13. Indicate in EIA the structures such as bridges/barrages/dams close to individual leases in cluster and effects of mining on their structure stability with protection plan.
14. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease.
15. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA.

As per the above, the TOR was issued to the PP vide letter no. 826 dated 13/05/2016.

MP State Mining Corporation Limited, Bhopal vide their letter no. 394 dated 09/08/2016 has also informed that it is a case of non-cluster as per GOI, MoEF&CC notification dated 01/07/2016 as this lease was sanctioned prior to the 09/09/2013. Concerned Mining Officer vide letter no.2082 dated 29/07/2016 has issued a certificate stating that above lease was sanctioned vide order no. F4-1/2010/12/01 dated 22/09/2010 and thus does not falls under the pervue of cluster approach as per GOI, MoEF&CC notification dated 01/07/2016.

SEIAA vide letter no. 3173/SEIAA/16 dated 16/08/2016 and 3240/SEIAA/16 dated 26/08/2016 has also instructed to appraise such cases on priority as per GOI, MoEF&CC notification dated 01/07/2016 and thus committee decided that as per the above instructions of SEIAA, all such cases should be appraised on the priority on the basis the lease documents available in the file/representation submitted by the PP.

The case was presented by the PP and their consultant wherein during presentation it was observed that as per the Google image of April 2016 based on the co-ordinates provided by the PP that approximate 70% of the lease area is submerged in water. Since only 30% sand can be evacuated from this area as remaining area is submerged in river water and mid stream mining is not permitted, committee recommends only 57,000 cum/year evacuation of sand from this site. Other submissions made by PP were found satisfactory and acceptable



and thus the committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

- Production of Sand as per mine plan with quantity not exceeding 57,000 cum/year
- District Authority should record the deposition of sand in the lease area at an interval of 100 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.

**12. Case No.5242/15 M/s. Digiana Industries (P) Ltd., G-1, Sapna Chambers, 12/1 South Tukoganj, Indore (M.P.) (SIA/MP/MIN/4570/2016-EC) Prior Environment Clearance for Sand in an area 13.0 ha. (390000 Cum/Year) at Khasra NO. 01, Village – Khedineema, Tehsil – Handiya, Distt. Harda.**

This is case of Sand Mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-01, Village-Khedineema, Tehsil - Handiya, Dist. Harda (MP) 13.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no. Q, dated: 09/06/16 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 27.00 ha including this mine.

The case was earlier discussed in the 35<sup>th</sup> SEAC-II meeting dated 03/07/2016 wherein the case was presented by the PP and their consultant and it was observed by the committee that as per the Google image of November, 2015 based on the co-ordinates provided by the PP

that approx. 85% of the area is submerged in the water and only 15% area is available for mining and maximum volume of sand which can be permitted for mining will be 58,500 cum/year.

During presentation it was informed to the PP that as per MO certificate it's a case of TOR as the total area of leases within 500 meters is >25.00 ha. PP informed that as per the recent notification of GOI, MoEF&CC dated 01/07/2016 all the mining leases for which mine lease or query license is granted before 09/09/2013 will not become the part of cluster.

The copy of above notification was made available to all the members of the committee for perusal. In the GOI, MoEF&CC notification dated 01/07/2016 it is stated that "*A cluster shall be formed when the distance between the peripheries of one lease is < than 500 meter from the periphery of other lease in a homogeneous mineral area which shall be applicable to the mine leases or query license granted on and after 09/09/2013*".

As per the above, the letter was issued to the PP vide letter no. 1190 dated 18/07/2016.

MP State Mining Corporation Limited, Bhopal vide their letter no. 406 dated 09/08/2016 has also informed that it is a case of non-cluster as per GOI, MoEF&CC notification dated 01/07/2016 as this lease was sanctioned prior to the 09/09/2013. Concerned Mining Officer vide letter no.170 dated 29/07/2016 has issued a certificate stating that above lease was sanctioned vide order no. F 14-1/2010/12/01 dated 22/09/2010 and thus does not falls under the perview of cluster approach as per GOI, MoEF&CC notification dated 01/07/2016.

SEIAA vide letter no. 3173/SEIAA/16 dated 16/08/2016 and 3240/SEIAA/16 dated 26/08/2016 has also instructed to appraise such cases on priority as per GOI, MoEF&CC notification dated 01/07/2016 and thus committee decided that as per the above instructions of SEIAA, all such cases should be appraised on the priority on the basis the lease documents available in the file/representation submitted by the PP.

Based on above submissions, the case was presented by the PP and their consultant wherein during presentation it was observed that other submissions made by PP were found satisfactory and acceptable and thus the committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

- Production of Sand as per mine plan with quantity not exceeding 58,500 cum/year
- District Authority should record the deposition of sand in the lease area at an interval of 100 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.

**13. Case No.-5244/2016 M/s Digiana Industries Pvt Ltd, Harda, MP – 463001 (SIA/MP/MIN/4573/2016-EC) Prior Environment Clearance for Sand Mining in an area of 14.000 ha. (420000 cum/year) at Khasra no.-01, Village-Khedineema, Tehsil - Handiya, Dist. Harda (MP)**

This is case of Sand Mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-01, Village-Khedineema, Tehsil - Handiya, Dist. Harda (MP) 14.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no. Q, dated: 09/06/16 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 27.00 ha including this mine.

The case was earlier discussed in the 35<sup>th</sup> SEAC-II meeting dated 03/07/2016 wherein the case was presented by the PP and their consultant and it was observed by the committee that as per the Google image of April, 2013 and November, 2015 based on the co-ordinates provided by the PP that >85% of the area is submerged in the water and only 15% area is

available for mining and maximum volume of sand which can be permitted for mining will be 63,000 cum/year.

During presentation it was informed to the PP that as per MO certificate it's a case of TOR as the total area of leases within 500 meters is >25.00 ha. PP informed that as per the recent notification of GOI, MoEF&CC dated 01/07/2016 all the mining leases for which mine lease or query license is granted before 09/09/2013 will not become the part of cluster.

The copy of above notification was made available to all the members of the committee for perusal. In the GOI, MoEF&CC notification dated 01/07/2016 it is stated that *“A cluster shall be formed when the distance between the peripheries of one lease is < than 500 meter from the periphery of other lease in a homogeneous mineral area which shall be applicable to the mine leases or query license granted on and after 09/09/2013”*.

Thus committee decided that PP should submit the mining lease or query license sanctioned by the competent authority for confirmation of the fact that above leases or query license is granted before 09/09/2013 for further consideration of the project.

As per the above, the letter was issued to the PP vide letter no. 1192 dated 18/07/2016.

MP State Mining Corporation Limited, Bhopal vide their letter no. 406 dated 09/08/2016 has also informed that it is a case of non-cluster as per GOI, MoEF&CC notification dated 01/07/2016 as this lease was sanctioned prior to the 09/09/2013. Concerned Mining Officer vide letter no.171 dated 29/07/2016 has issued a certificate stating that above lease was sanctioned vide order no. F4-1/2010/12/01 dated 22/09/2010 and thus does not falls under the pervue of cluster approach as per GOI, MoEF&CC notification dated 01/07/2016.

SEIAA vide letter no. 3173/SEIAA/16 dated 16/08/2016 and 3240/SEIAA/16 dated 26/08/2016 has also instructed to appraise such cases on priority as per GOI, MoEF&CC notification dated 01/07/2016 and thus committee decided that as per the above instructions of SEIAA, all such cases should be appraised on the priority on the basis the lease documents available in the file/representation submitted by the PP.

Based on above submissions, the case was presented by the PP and their consultant wherein during presentation it was observed that other submissions made by PP were found

satisfactory and acceptable and thus the committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

- Production of Sand as per mine plan with quantity not exceeding 63,000 cum/year
- District Authority should record the deposition of sand in the lease area at an interval of 100 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.

**14. Case No.-5306/2016 M/s A.D.Agro Foods Pvt. Ltd, Moradabad, Uttar Pradesh – 325641 Prior Environment Clearance for Sand Mining in an area of 18.107 ha. (1,80,000 cum/year) at Khasra no.-352/340, Village-Bagwada , Tehsil - Budhni, Dist. Sehore (MP)**

This is case of Sand Mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 352/342 at Village-Bagwada, Tehsil - Budhni, Dist. Sehore (MP) 18.107 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 1910 dated: 28/6/16 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 55.016 ha including this mine.

The case was earlier discussed in the 44<sup>th</sup> SEAC-II meeting dated 08/08/2016 wherein it was observed that;

The case was presented by the PP and their consultant and during presentation it was observed that concerned Mining Officer vide letter no. 1910 dated: 28/6/16 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 55.016 ha including this mine. It being a case of cluster where the total area is > 25 ha. it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs:-

1. Detailed evacuation plan along with road condition is to be discussed in the EIA report with requirement of manpower.
2. EIA/EMP is required to be prepared for entire cluster in order to cover all the possible externalities. The report should cover carrying capacity, transportation and other related issues for the cluster.
3. Photographs and maps depicting all the mines present in the cluster.
4. On a Google map, show all the mines in a cluster with all four co-ordinates of individual mines.
5. The date and duration of carrying out the base line data collection and monitoring be informed to the concerned Regional Officer of the M. P. Pollution Control Board.
6. Photographs of individual mine during EIA process with date.
7. Justify the production from each mine and also justify the duration when mining is possible.
8. Detailed production plan with section should be provided in the EIA report considering the safe area to be left for the prevention of bank erosion.
9. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
10. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
11. Discuss and assess impacts of sand mining on pisciculture.
12. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
13. Discuss the measures that will be adopted for the bank erosion.
14. Indicate in EIA the structures such as bridges/barrages/dams close to individual leases in cluster and effects of mining on their structure stability with protection plan.
15. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease.
16. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA.
17. Environment policy of the company should be submitted along with EIA report.

As per the above, the TOR was issued to the PP vide letter no. 1328 dated 17/08/2016.

MP State Mining Corporation Limited, Bhopal vide their letter no. 394 dated 09/08/2016 has also informed that it is a case of non-cluster as per GOI, MoEF&CC notification dated 01/07/2016 as this lease was sanctioned prior to the 09/09/2013. Concerned Mining Officer vide letter no.2083 dated 29/07/2016 has issued a certificate stating that above lease was sanctioned vide order no. F4-1/2010/12/01 dated 22/09/2010 and thus does not falls under the pervue of cluster approach as per GOI, MoEF&CC notification dated 01/07/2016.

SEIAA vide letter no. 3173/SEIAA/16 dated 16/08/2016 and 3240/SEIAA/16 dated 26/08/2016 has also instructed to appraise such cases on priority as per GOI, MoEF&CC notification dated 01/07/2016 and thus committee decided that as per the above instructions of SEIAA, all such cases should be appraised on the priority on the basis the lease documents available in the file/representation submitted by the PP.

The case was presented by the PP and their consultant and after presentation wherein PP was asked to submit “Environmental Policy of the company”.

#### **DISCUSSION ON QUERY RESPONSE SUBMITTED BY PP OR THE PROJECT ISSUES RECEIVED FROM SEIAA / PENDING FROM A LONG TIME FOR WANT OF DESIRED INFORMATION**

##### **15. Case No. – 1693/2013 Smt. Kuwar Rani Ayodhya Singh, Owner R/o 6, Usha Colony, Lashkar – Gwalior, Distt. - Gwalior (M.P.) - 470339- Env. Consultant: Creative Enviro Services, Bhopal (M.P.).Expansion of production capacity from 20,000 MTPA to 2,62,538 Ton per year at Khasra No. – Part of 1262 in Village- Panihar, Tehsil- Gird, Distt. – Gwalior (M.P.) Lease Area – 14.70 Ha. Lease Period –30Yrs.**

This is a case of mining submitted for grant of prior EC as PP desire to expand the production capacity from 20000 MTPA to 262538 MTPA. The project presently has a valid EC for the existing production capacity. Enhanced production is envisaged in view of revised mining Plan. The application was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA study and prepare effective EMP for the project. The case was presented by the PP and his consultant. After deliberations committee has approved the standard TOR with inclusion of additional points in 138th SEAC meeting 25/07/2013.

The TOR was approved in the 138<sup>th</sup> SEAC meeting dated 25/07/2013 and the same was issued to the PP vide letter no. 724 dated 11/10/2013. The validity of TOR expired on 10/10/2015. PP vide their letter dated 09.09.15 has requested for TOR extension. After deliberations, the committee recommends the case for extension in TOR for one year with validity up to 10/10/16.

PP has submitted the EIA report vide letter dated 23/05/2016 which was forwarded by the SEIAA vide letter no. 1742/SEIAA/16 dated 30/05/2016. The case was placed for the discussion wherein committee observed that this is a case of expansion of production capacity from 20,000 MTPA to 2,62,538 Ton/year of iron ore. Since the project presently has EC for the existing production capacity, compliance report duly certified by MoEF&CC has to be submitted by PP for compliance of earlier EC conditions which is still not submitted by the PP. The committee decided that PP may be asked to submit the compliance report of earlier EC conditions duly certified by MoEF&CC within 30 days time for further consideration of the project.

**16. Case No. – No.-5328/2016 Shri Pawan Bhadoriya S/o Shri N.K.S.Bhadoriya, E-6, Kotra Sultanabad, Bhopal, MP – 462101. Prior Environment Clearance for Chandbad Kadim Metal Stone Quarry in an area of 3.360 ha. (22230 cubic meter per year) at Khasra no.-345, Village-Chandbad Kadim, Tehsil - Berasia, Dist. Bhopal (MP)**

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-345, Village-Chandbad Kadim, Tehsil - Berasia, Dist. Bhopal (MP) in 3.360 Ha. The project requires prior EC before commencement of any activity at site. The application is forwarded by the SEIAA vide letter no.3265/SEIAA/16 dated 27/08/2016.

Recently the GOI, MoEF&CC has issued a notification on dated 01/07/2016 stating that “A cluster shall be formed when the distance between the peripheries of one lease is < than 500 meter from the periphery of other lease in a homogeneous mineral area which shall be applicable to the mine leases or query license granted on and after 09/09/2013”.

SEIAA vide letter no. 3173/SEIAA/16 dated 16/08/2016 and 3240/SEIAA/16 dated 26/08/2016 has also instructed to appraise all such cases on priority as per GOI, MoEF&CC notification dated 01/07/2016 and thus committee decided that as per the above instructions of SEIAA, all such cases should be appraised on the priority on the basis the lease documents available in the file/representation submitted by the PP.



As per the records submitted by the PP with the case file, it was observed by the committee that the lease is sanctioned by the office of collector, Bhopal vide order no.100 dated 23/01/2008 and the sanctioned area is 3.360 ha. As per MO certificate issued by letter no. 2249 dated 31/08/2015, there are 03 more mines within 500 meters but none of the mine is of > 5.00 ha. The committee after deliberations decided that being such cases now to be treated as non-cluster as per GOI, MoEF&CC notification dated 01/07/2016, this case may be transferred to DEIAA through SEIAA as per GOI, MoEF&CC notification dated 15/01/2016.

**17. Case No.4426/15 M/s Jeevan Lime Chemicals Pvt. Ltd., Shri Mayank Gugalia R/o Industrial Area, Katni, Distt-Katni (M.P)-483501. Prior Environment Clearance for approval of JARIYARI Laterite & Bauxite Mine in an area of 4.00 ha. (28,431TPA) at Khasra no.-647, Village-Jariyari, Tehsil-Maihar, District-Satna (MP) (EIA Consultant: CSE, Bhopal)**

This is case of JARIYARI Laterite & Bauxite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-647, Village-Jariyari, Tehsil-Maihar, District-Satna (MP) 4.00 ha. The project requires prior EC before commencement of any activity at site.

### **Project Description**

This is a project for open cast method of mining of mineral like Laterite & Bauxite, and the estimated project cost is 1.48 crores. The ML area has been granted by Govt. of India, Ministry of mines to M/s Jeevan Lime Chemical Pvt. Ltd., Katni, for 30 years, vide letter No. 4/85/2009 M.IV, New Delhi dated 16/09/2013 for 30 years and Govt. of M. P. vide letter No. F 3-61/2012/12/1 Bhopal dtd. 15/12/2014 has asked the PP to submit the approved mining plan. The mine plan is approved by the Indian Bureau of mines vide letter dated 05/05/2016.

### **LOCATION**

The method of excavation is open cast, manual method. The subject lease area is located at 23°13'23.2" to 23°12'34.90" N latitude and 80°55'45.3" to 80°57'13.8" E longitude and covered under Toposheet No. 63 D/16. The applied area is part of reserve forest. The District headquarter Maihar is about 30 km. Area can be approved via Dhanwahi kala, Hinauta and Karaundi, connected by pukka road, nearest railway station Maihar is about 30 km North west.

Toposheet – 63 D/16  
 Latitude – 24<sup>o</sup>12'42" to 24<sup>o</sup>12'42"N  
 Longitude – 80<sup>o</sup>57'10.6" to 80<sup>o</sup>57'15.9" E  
 Elevation – 565m to 610m

**Salient features of the project**

Name of the project	Jariyari Laterite & Bauxite Deposit Mine
Location of Mine	Forest Compartment No. 647
Latitude	24 <sup>o</sup> 12'42"
Longitude	80 <sup>o</sup> 57'10.6"
Land use	Forest land (Diverted)
Minerals to be mined out	Bauxite & Laterite
Total Reserve	2,19,521 Tonne
Life of Mine	Approx. 8 years @ 28431 Ton/Annum
Proposed production	28431 ton/annum
Method of mining	Open cast manual/semi mechanized
No. of working day in a year	300 days
Water requirement	9 kld
Source of water	from village panchayat
Man power requirement	25 Nos.
Nearest City	Maihar- 30 km from Mine
Nearest Railway Station	Maihar Rly Station- 30 km from Mine
Nearest Airport	Jabalpur – 124 km from the mine by road
Nearest Highway	NH -7, 8.6 from mine.
Nearest Village	Jariyari 2.8 km
Nearest River	nil in 10 km
Topography	hilly
Ecological Sensitive Zone	No national parks and sanctuary within 10 km radius
Nearest Industries	None within 10 km radius

**Water requirement**

S. No.	Head	Quantity
1.	Dust suppression	2.0 kld

2.	Green belt	1.0 kld
3.	Domestic	1.0 kld
	Total	4.0 kld

**Conceptual Land use**

At the end of conceptual period the total area will be developed 4.0 ha. at a depth of 10m point wise details of conceptual mining plan as on survey date are given as follows:

S. No.	Head	At Present in ha	At the end of 5 years in ha	At the end of conceptual period in ha
1.	Total area excavated (broken)	0	0.243	3.3775
2.	Area fully mined out (out of 1)	0	0.243	3.3775
3.	Area fully reclaimed (back filled)	0	0.12285	0.4725
4.	Area covered by waste dump	0	0.0126	0
5.	Area covered by plantation	0	0.045	0.4725
6.	Area under road	0	0.031	0.031
7.	Virgin area	4.0	3.545	0.119
8.	Total area	4.0	4.0	4.0

**Overburden Generation (Anticipated)**

Year	Top Soil (m3)	OB (m3)
1 <sup>st</sup>	4860	6804
2 <sup>nd</sup>	4860	6804
3 <sup>rd</sup>	4860	6804
4 <sup>th</sup>	4860	6804

5 <sup>th</sup>	4860	6804
	24300	34020

The case was presented by the PP and their consultant in the 08<sup>th</sup> SEAC meeting dated 20/02/2016 wherein it was reported that the data collection has been started from January 2016. It's being a case of major mineral, it was decided to consider this case as B-1 category and committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's:

1. Inventory of operating / proposed mines within 2 Km around the said mine.
2. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
3. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.
4. Details of approach road from the main road to the ML area should be discussed in the EIA.
5. Fresh DFO certificate should be submitted with the EIA report as distances are not mentioned in the submitted certificate.

The PP has submitted the EIA report vide letter dated 08/08/2016 which was forwarded by the SEIAA vide letter no. 3149/SEIAA/16 dated 12/08/2016 and the same was placed in the agenda.

The case was presented by the PP and their consultant in the 46<sup>th</sup> SEAC meeting dated 26/08/2016 wherein PP submitted that the lease area lies in the forest area and they have obtained the stage-I forest clearance. After presentation PP was asked to submit response on following queries;

1. Land use details of the lease area be submitted on a map.
2. Environmental policy along with organization chart should be submitted.
3. PP should submit emergency rescue plan or an affidavit that the first aid facilities will be provided as per DGMS norms.
4. Revised CSR with enhanced budgetary provisions.

The PP has submitted the response of above query which was placed before the committee. The committee observed that the response submitted by the PP is adequate and satisfactory and other submissions made by the PP earlier were found to be satisfactory and acceptable,

hence committee decided to recommend the case for grant of prior EC subject to the following special conditions:

1. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
2. Transportation of material shall be done in covered vehicles.
3. Necessary consents shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
4. Permission / NOC shall be obtained from Gram Panchayat for lifting water from the village resources and shall be furnished to MPPCB while obtaining necessary consents under the provisions of Air / Water consents.
5. Curtaining of site shall be done through thick plantation all around the boundaries of the lease area.
6. The OB should be properly stacked inside the ML area in barrier zone and disposed off as per the submitted plan.
7. Production of Laterite & Bauxite as per mine plan not exceeding 28,431TPA
8. The proposed plantation should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement.
9. Appropriate activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat.
10. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
11. The commitments made in the public hearing are to be fulfilled by the PP.
12. The conditions stipulated by the MoEF&CC vide their letter no. 06/MPC 048/2011-BHO 1269 dated 08/08/2013 should be complied by the PP.
13. The grant of Environmental Clearance should be subjected to necessary Forest Clearance to be obtained by PP as lease area lies in the forest area and PP have obtained the stage-I forest clearance.
14. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

**18. Case No. 5095/2016 Shri Krishna Gopal Sharma S/o Shri Vrindavan Sharma, Rajendra Nagar, Tehsil-Basoda, Vidisha (MP)-464258. Prior Environment Clearance for Sand Auction Quarry in an area of 5.105 ha. (5,000 cum/year) at Khasra no.-110, Village-Johad, Tehsil-Nateran, District-Vidisha (MP)**

This is case of Sand Auction Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-110, Village-Johad, Tehsil-Nateran, District-Vidisha (MP) 5.105 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.-2724, dated: -02/04/15, has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

The case was presented by the PP and their consultant in the 18<sup>th</sup> SEAC II meeting dated 13/04/2016 wherein it was observed from the Google image based on the co-ordinates provided by PP that entire river area is sanctioned as QL for sand thus committee decided that at least 08 meters area be left as non mining area from the banks of both side to protect banks for erosion from the sanctioned lease. After presentation, PP was asked to submit following informations:

1. As some part of lease area is in the stream, PP was asked to submit revised estimates of sand leaving area submerged in river spaced out.
2. Evacuation route on a map showing length of the road.
3. Plantation scheme with names of species and commensurate budgetary provisions.

PP vide letter dated 06/06/2016 has submitted the reply which was placed before the committee. The committee found that the reply submitted by the PP is satisfactory and acceptable and thus the committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

- Production of Sand as per mine plan with quantity not exceeding 5,000 cum/year
- District Authority should record the deposition of sand in the lease area at an interval of 50 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.

- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.

**(R. K. Sharma, Member)**

**(Mohd. Akram Khan, Member)**

**(Prashant Shrivastava, Member)**

**(Dr.Sonal Mehta, Member)**

**(Dr.NavinChandra, Chairman)**

Following standard conditions shall be applicable for the mining projects of minor mineral in addition to the specific conditions:

**Annexure- 'A'**

**Standard conditions applicable to Stone/Murrum and Soil quarries:**

1. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
2. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
3. Transportation of material shall be done in covered vehicles.
4. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
5. Curtaining of site shall be done using appropriate media.
6. The proposed plantation should be carried out along with the mining @45 trees per hectare and PP would maintain the plants for five years including casualty replacement.
7. Transportation shall not be carried out through forest area.
8. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat.
9. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
10. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
11. PP should also maintain a log book containing annual details of tree plantation and causality replacement.
12. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
13. Mining should be done as per the submitted land use plan submitted by PP.

**Annexure- 'B'**

**Standard conditions applicable for the sand Mine Quarries\***

1. The amount towards reclamation of the land in MLA shall be carried out through the mining department; the appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
2. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
3. Plantation shall be carried out on the banks for stabilization of the banks.
4. The mining activity shall be done manually.
5. No heavy vehicles shall be allowed to enter the river bed and the transportation of the sand from the excavation pits of the leased area to the loading point shall be through trollies (tractor trollies) and not by heavy vehicles. Only registered tractor trollies which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
6. Transport vehicles will be covered with tarpoline to minimize dust/sand particle emissions.
7. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
8. No Mining shall be carried out during Monsoon season.
9. The depth of mining shall be restricted to 3m or water level, whichever is less.
10. No in-stream mining shall be allowed.
11. The mining shall be carried out strictly as per the approved mining plan and ensure that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
12. Established water conveyance channels should not be relocated, straightened, or modified.
13. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
14. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
15. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
16. EC will be valid for mine lease period subject to a ceiling of 5 years.
17. Mining should be done as per the submitted land use plan submitted by PP.



**Annexure- 'C'**

**Standard conditions applicable for the Khodu Bharu sand Mine Quarries\***

1. Mining should be done only to the extent of reclaiming the agricultural land.
  2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
  3. The amount towards reclamation of the land in MLA shall be carried out through the mining department; the appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
  4. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
  5. The mining activity shall be done manually.
  6. Heavy vehicles shall not be allowed for removal of sand.
  7. The sand shall be transported by small trolleys up to the main transport vehicle.
  8. Transport vehicles will be covered with tarpoline to minimize dust/sand particle emissions.
  9. No Mining shall be carried out during Monsoon season.
  10. PP shall take Socio-economic activity in the region through the 'Gram Panchayat'.
  11. EC will be valid for mine lease period/mine plan subject to a ceiling of 5 years.
  12. The mining shall be carried out strictly as per the approved mining plan.
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